

Constellation Energy

Nine Mile Point Nuclear Station

P.O. Box 63
Lycoming, NY 13093

December 2, 2005
NMP1L 2006

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

SUBJECT: Nine Mile Point Unit 1
 Docket No. 50-220
 License No. DPR-63

Special Report, Channel #12 of the Containment Hydrogen Monitoring
System Inoperable

Gentlemen:

In accordance with Action 4.a of Nine Mile Point Unit 1 Technical Specification Table 3.6.11-2, "Accident Monitoring Instrumentation Action Statements," Nine Mile Point Nuclear Station, LLC, is submitting the following Special Report concerning inoperability of Channel #12 of the Containment Hydrogen Monitoring (CHM) System.

Description of Event

On November 18, 2005, at 0819 hours, operators declared Channel #12 of the CHM System inoperable to perform scheduled surveillance testing. On November 18, 2005, at 1358 hours, Channel #12 of the CHM System failed the surveillance test and remained inoperable.

The redundant Channel #11 was verified to be operable prior to declaring Channel #12 inoperable.

Cause of Inoperability

Channel #12 of the CHM System was removed from service to perform scheduled surveillance testing. The surveillance test failed due to a shorted diode in the hydrogen sensor circuit.

IE22

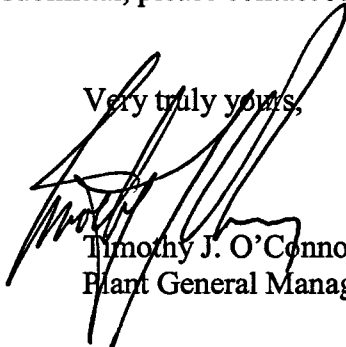
Page 2
NMP1L 2006

Actions Taken

The diode and the associated fuse in the hydrogen sensor circuit were replaced. Post maintenance and surveillance testing were performed satisfactorily and Channel #12 of the CHM System was restored to operable status on November 30, 2005, at 1105 hours.

Should you have any questions regarding this submittal, please contact James Hutton, Director Licensing, at (315) 349-1041.

Very truly yours,



Timothy J. O'Connor
Plant General Manager

TJO/RF/sac

cc: Mr. S. J. Collins, NRC Regional Administrator, Region I
Mr. L. M. Cline, NRC Senior Resident Inspector